

**CONFIDENTIAL**

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H-2061-ARA-127-56

Office Correspondence  
28 June 1956

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Subject: / Meeting with Dept. of Defense at [redacted]  
and [redacted] on June 20 - 21, 1956 regarding  
H-2061 System Status

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Present: /

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1. It was decided to visit [redacted] on June 21 to determine the antenna system progress at first hand. 25X1
2. The overall system performance was reviewed and the following highlights discussed in detail:
  - a. Intercept range - measurements at "K" band indicate 40 feet of range for minimum detectable signal from an isotropic 1 mw source.
  - b. D.F. Indicator - predicted accuracy to be much better than  $\pm 45^\circ$ , indicator overlay to show 3, 6, 9, 12 clock positions with  $30^\circ$  intermediate lines.
  - c. Antenna data was seen from pattern measurements performed by AEL.
  - d. Operation and calibration phases were discussed with reference to the system block diagram.
  - e. The possibility of recording pulse stretched signals rather than video signals was discussed.
3. The proposed systems test procedure was outlined.
4. At [redacted] a need was seen for providing a console pilot light to show that the system is in the operating phase. The control for the light is to be one or more microswitches actuated by the mechanical shutter mechanism. 25X1

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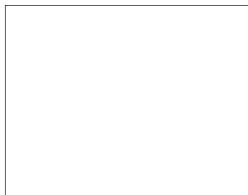
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5. A memo is to be written outlining the possible approaches for obtaining CW reception with a crystal video system.

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